

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A biochip comprising a plurality of spots of capture material arranged on a base plate, obtained by supplying, onto said base plate by means of an ink jet system, a plurality of types of capture solutions, said capture solutions comprising said capture material dissolved in an aqueous solution, each said capture material for specifically reacting with a specimen to provide information about a structure within the specimen, wherein the plurality of spots have different spot sizes formed on said base plate, and all of said spots have uniform detection sensitivity.
2. (Previously Presented) A biochip according to claim 1, wherein at least some of said plurality of spots are formed from the same capture solution.
3. (Currently Amended) A biochip comprising a plurality of spots of capture material arranged on a base plate, obtained by supplying, onto said base plate by means of an ink jet system, a plurality of types of capture solutions, said capture solutions comprising said capture material dissolved in an aqueous solution, each said capture material for specifically reacting with a specimen to provide information about a structure within the specimen, wherein the plurality of spots have varying concentrations of the capture material in the capture solution, and all of said spots have uniform detection sensitivity.
4. (Previously Presented) A biochip according to claim 3, wherein at least some of said plurality of spots are formed from the same capture solution.
5. (Original) A biochip according to claim 1, wherein said spots are formed using the ink-jet system, wherein said capture solution is impacted onto said base plate after

being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

6. (Original) A biochip according to claim 2, wherein said spots are formed using the ink-jet system, wherein said capture solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

7. (Original) A biochip according to claim 3, wherein said spots are formed using the ink-jet system, wherein said capture solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

8. (Original) A biochip according to claim 4, wherein said spots are formed using the ink-jet system, wherein said capture solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

9. (Original) A biochip according to claim 1, wherein said spots are formed using the ink-jet system, wherein said capture solution is impacted onto said base plate after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

10. (Original) A biochip according to claim 2, wherein said spots are formed using the ink-jet system, wherein said capture solution is impacted onto said base plate after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

11. (Original) A biochip according to claim 3, wherein said spots are formed using the ink-jet system, wherein said capture solution is impacted onto said base plate after

being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

12. (Original) A biochip according to claim 4, wherein said spots containing are formed using the ink-jet system, wherein said capture solution is impacted onto said base plate after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

13. (Currently Amended) A biochip comprising a plurality of spots of capture material arranged on a base plate, obtained by supplying, onto said base plate by means of an ink jet system, a plurality of types of capture solutions, said capture solutions comprising said capture material dissolved in an aqueous solution, each said capture material for specifically reacting with a specimen to provide information about a structure within the specimen,

wherein the plurality of spots have varying concentrations of the capture material in the capture solution and all of said spots have uniform detection sensitivity, and

wherein said base plate comprises glass.